

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	33	DEWITT-JIMMIE-EARL-JR.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:11
S3	32	DEWITT-JIMMIE-EARL-JR.in. and cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:12
S4	17	DEWITT-JIMMIE-EARL-JR.in. and cache.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:11
S5	3	DEWITT-JIMMIE-EARL-JR.in. and cache adj line.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:16
S6	136	LEVINE-FRANK-ELIOT.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:15
S7	5	LEVINE-FRANK-ELIOT.in. and cache adj line.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:17
S8	2	DEWITT-JIMMIE-EARL-JR.in. and flag adj bits.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:17
S9	2	LEVINE-FRANK-ELIOT.in. and flag adj bits.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:17

S10	34	RICHARDSON-CHRISTOPHER-MICH AEL.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:18
S11	3	RICHARDSON-CHRISTOPHER-MICH AEL.in. and cache adj line.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:18
S12	2	RICHARDSON-CHRISTOPHER-MICH AEL.in. and flag adj bits.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:18
S13	79	URQUHART-ROBERT-JOHN.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:19
S14	5	URQUHART-ROBERT-JOHN.in. and cache adj line.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:19
S15	2	URQUHART-ROBERT-JOHN.in. and flag adj bits.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:20
S16	59	("20010032305" "20020019976" "2 0020124237" "20020129309" "2002 0147965" "20020199179" "4291371 " "5103394" "5691920" "5774724" " "5930508" "5938778" "5966537" "5 987250" "6070009" "6101524" "618 9141" "6192513" "6206584" "62233 38" "6256775" "6286132" "6324689 " "6330662" "6351844" "6374364" " "6430741" "6442585" "6480938"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 17:20
S17	28	S16 and cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:17

S19	0	S16 and (false with cache)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:18
S20	3	S16 and (cache with shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:21
S21	7135	711/118,125-126,130,133-134, 144-145,154-156,159.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:36
S22	1113	false\$2 with shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:37
S23	104	false\$2 with shar\$3 with cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:37
S24	29	S23 and (flag with bit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:55
S25	18	S24 and interrupt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 17:41
S26	39	S23 and interrupt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 18:10

S27	44	S23 and (processor\$1 with bit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 18:11
S28	36	S23 and (processor\$1 near5 bit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 18:15
S30	0	dectect\$4 with fals\$2 with shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 11:35
S31	37	identif\$6 with false\$2 with shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 11:37
S32	227	false\$2 near2 shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 11:38
S33	80	S32 and ((bit\$1 or flag\$1 or tag\$1) same processor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:20
S34	4	("5140681"   "5394555"   "6449699"   "6587922").PN. OR ("6963953").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 13:05
S35	14	("5313578"   "5440710"   "5598553"   "5758183"   "5761729"   "5787480"   "5822763"   "5933598"   "5946716"   "5950228"   "5960461"   "6088758"   "6330649").PN. OR ("6457107"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 13:41
S36	15	("5749095"   "5778423"   "5829025"   "5860126"   "5873117"   "5887138"   "5893144"   "5909697"   "6021468"   "6038642").PN. OR ("6636950"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 16:07

S37	227	false\$2 near2 shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:20
S38	29	S37 and ((semaphore\$1 or lock\$1) same processor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:33
S39	6	S37 and ((semaphore\$1) same processor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:21
S40	227	false\$2 near2 shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 17:54
S41	72	S40 and (set with processor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:18
S42	18	S40 and (set with bit with processor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 17:54
S43	14	dirty cache hit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/07 18:00
S44	79	dirty near2 cache near2 hit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 14:40

S46	2	"5829025".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:19
S47	2	"6021468".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:20
S48	2	"6038642".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:20
S49	15	S40 and (redirect\$3 or re-direct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:28
S50	78	S40 and (point\$2 same (cache or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:39
S51	42	S40 and (pointer same (cache or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:51
S52	2	"6574727".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:52
S53	3	"6708296".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:52

S54	46	true sharing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 11:12
S55	2	"5909697".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:18
S56	2	"5873117".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:19
S57	2	"5893144".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:19
S58	227	false\$2 near2 shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 12:29
S59	10	S58 same interrupt\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 12:20
S60	59	S58 and interrupt\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 12:23
S61	11	processor flag bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 12:25

S63	168	S58 and ((write or read) flag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 12:45
S64	103	S58 and (processor same ((write or read) flag))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 12:30
S65	47	S58 and (processor same ((write or read) flag) same (set or high))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 12:32
S66	24	S65 and "711"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 12:32
S70	18	S58 and ((write or read) near2 flag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 12:46
S71	81	"D" near2 cache near2 hit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 14:43
S72	39	S71 and false\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 14:43
S73	41	S71 and shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 14:46



S74	21	S73 and "711"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 14:51
S75	417	(modif? with cache) same shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 14:52
S76	340	S75 and "711"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 14:54
S78	31	S76 and false\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:11
S79	2	"6678798".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:11
S80	331	(redirect\$3 or re-direct\$3) near2 (request or access) same cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:31
S81	8	S80 and (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:55
S82	548	((redirect\$3 or re-direct\$3) with (request or access)) same cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:31

S83	8	S82 and (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:30
S84	64	((redirect\$3 or re-direct\$3) with (request or access)) same shar\$3 same cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:38
S85	0	((deviate) with (request or access)) same shar\$3 same cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:38
S86	540	((direct) with (request or access)) same shar\$3 same cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:39
S87	458	((direct) near2 (request or access)) same shar\$3 same cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:39
S88	17	((shift) with (request or access)) same shar\$3 same cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:52
S92	31822	processor with (flags tags bits fields headers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 16:57
S93	37	S92 and (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:56

S95	40	S92 and ((false sharing) or (false cache line sharing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/08 16:57
S96	2598	(processor with (flags tags bits fields headers)) same cache	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:00
S10 5	690	(processor with (flags tags bits fields headers)) same (cache adj line\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:38
S10 6	127	(processor with (flags tags bits fields headers)) same (cache adj line\$1) same shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:02
S10 7	15	(processor with (flags tags bits fields headers)) same (cache adj line\$1) same shar\$3 same compar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:37
S10 8	46	(processor with compar\$3 with (flags tags bits fields headers)) same (cache adj line\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:04
S10 9	3	(processor with (flags tags bits fields headers)) same (cache adj block\$1) same shar\$3 same compar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 17:38
S11 0	90	(processor with (flags tags bits fields headers)) same (cache adj block\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 18:21

S11 3	271	processor with owner\$4 with cache adj (line\$1 or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 18:42
S11 4	18	processor with owner\$4 with (flags tags bits fields headers) with cache adj (line\$1 or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 10:56
S11 5	18	processor with owner\$4 with (flags tags bits fields headers) with cache adj (line\$1 or block)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 10:56
S11 6	16	S115 and shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 10:56
S11 7	0	S115 and false\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 12:51
S12 1	28	(modif\$7 with cache) same false\$2 same shar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/09 12:56
S12 3	6	(establish\$ verif\$ reveal\$ uncover\$) with (false\$2 adj shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 13:32
S12 5	22	(determin\$ or identif\$) with (false\$2 adj shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 13:29

S12 8	2	(decid\$ resolv\$ conclud\$) with (false\$2 adj shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:33
S12 9	5	(determin\$ or identif\$) with (flags tags bits fields headers) with (false\$2 adj shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 13:28
S13 0	33	(determin\$ or identif\$) with (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 14:44
S13 1	8	(establish\$ verif\$ reveal\$ uncover\$) with (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/09 13:32
S13 2	2	(decid\$ resolv\$ conclud\$) with (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 14:33
S13 3	61	(determin\$ or identif\$) same (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 12:11
S13 4	2	(semaphore or identifier) same (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 12:12
S13 5	11	(indicator) same (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 13:47

S13 6	25	(check\$3 read\$3 compar\$4 evaluat\$4) with (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 13:49
S13 7	23	("4141067"   "4520439"   "4779189"   "4875155"   "5129060"   "5241641"   "5291442"   "5388222"   "5423019"   "5488709"   "5491811"   "5526482"   "5553307"   "5617530").PN. OR ("5710881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/14 11:00
S13 8	63	access same (false\$2 near2 shar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 14:18
S13 9	28	(false\$2 near2 shar\$3) same ((seperate different new second another) with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 14:21
S14 0	9	(false\$2 near2 shar\$3) same (pointer with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 14:23
S14 1	53	(false\$2 near2 shar\$3) same (avoid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/14 14:35

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## » Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **Reducing false sharing and improving spatial locality in a unified compiler**  
Kandemir, M.; Choudhary, A.; Ramanujam, J.; Banerjee, P.;  
[Parallel and Distributed Systems, IEEE Transactions on](#)  
Volume 14, Issue 4, April 2003 Page(s):337 - 354  
Digital Object Identifier 10.1109/TPDS.2003.1195407  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1713 KB) IEEE JNL  
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- ☐ 2. **On reducing false sharing while improving locality on shared memory multiprocessors**  
Kandemir, M.; Choudhary, A.; Ramanujam, J.; Banerjee, P.;  
[Parallel Architectures and Compilation Techniques, 1999. Proceedings. 1999 International Symposium on](#)  
12-16 Oct. 1999 Page(s):203 - 211  
Digital Object Identifier 10.1109/PACT.1999.807529  
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